

FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.
831.00047

SERIAL NO. 38/807,170
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LIST OF PRIOR ART CITED BY APPLICANT
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APPLICANT:

Roger J. Leyden et al

FILING DATE

February 19, 1997

GROUP

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|---|---|---|---|---|---|--|-------|---------------------|-------|----------|-------------------------------|
| A/ww | AA | 2 | 8 | 2 | 1 | 4 | 5 | 3 | | 1/58 | Jessen | | | |
| | AB | 2 | 8 | 2 | 1 | 5 | 7 | 9 | | 1/58 | Benjamin | | | |
| | AC | 2 | 9 | 3 | 7 | 3 | 9 | 6 | | 5/60 | Momberg et al | | | |
| | AD | 3 | 6 | 1 | 7 | 6 | 5 | 9 | | 11/71 | Freeman | 191 | 12.1R | |
| | AE | 3 | 6 | 5 | 7 | 4 | 9 | 1 | | 4/72 | Ryder et al | 191 | 12.2R | |
| | AF | 3 | 7 | 0 | 5 | 9 | 6 | 2 | | 12/72 | Banister | 191 | 12.4 | |
| | AG | 3 | 7 | 7 | 3 | 9 | 8 | 7 | | 11/73 | Davis et al | 191 | 12.4 | |
| | AH | 3 | 7 | 8 | 2 | 6 | 5 | 4 | | 1/74 | Kasa | 242 | 378.1 | |
| | AI | 3 | 8 | 1 | 2 | 3 | 0 | 7 | | 5/74 | Wagner et al | 200 | 52R | |
| | AJ | 3 | 8 | 5 | 8 | 0 | 1 | 1 | | 12/74 | Salvin et al | 191 | 12.2R | |
| | AK | 3 | 9 | 2 | 9 | 2 | 1 | 0 | | 12/75 | Cutler et al | 4 | " | |
| | AL | 4 | 0 | 0 | 8 | 7 | 9 | 1 | | 2/77 | Shafii-Kahany et al | " | " | |
| | AM | 4 | 1 | 4 | 1 | 4 | 3 | 8 | | 2/79 | Diem | 191 | 12.4 | |
| | AN | 4 | 3 | 8 | 4 | 6 | 8 | 8 | | 5/83 | Smith | 242 | 378.2 | |
| | AO | 4 | 4 | 8 | 5 | 2 | 7 | 8 | | 11/84 | Schaller et al | 191 | 12.4 | |
| | AP | 4 | 4 | 9 | 9 | 3 | 4 | 1 | | 2/85 | Boyd | " | " | |
| | AQ | 4 | 7 | 4 | 6 | 7 | 6 | 6 | | 5/88 | Soulard | 174 | 36 | |
| | AR | 4 | 7 | 5 | 7 | 9 | 5 | 5 | | 7/88 | Simmons | 191 | 12.2R | |
| | AS | 4 | 9 | 8 | 9 | 8 | 0 | 5 | | 2/91 | Burke | 242 | 378.2 | |
| | AT | 5 | 0 | 0 | 8 | 4 | 8 | 7 | | 4/91 | Shimmyo | 174 | 35R | |
| | AU | 5 | 0 | 9 | 4 | 3 | 9 | 6 | | 3/92 | Burke | 242 | 378.2 | |
| | AV | 5 | 3 | 3 | 2 | 1 | 7 | 1 | | 7/94 | Steff | 242 | 378 | |
| | AW | 5 | 5 | 3 | 5 | 9 | 6 | 0 | | 7/96 | Skowronski et al | 242 | 378.4 | |

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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|----|-----------------|---|---|---|---|---|---|--|-------|------------------------|-------|----------|-------------|----|
| | | | | | | | | | | | | | | YES | NO |
| AW | AX | 0 | 0 | 6 | 3 | 3 | 1 | 3 | | 10/82 | European Patent Office | | | | |
| I | AY | 2 | 5 | 4 | 9 | 3 | 0 | 8 | | 1/85 | France | | | | |
| I | AZ | 3 | 5 | 1 | 8 | 1 | 5 | 7 | | 11/86 | Germany | | | | |
| | BA | | | | | | | | | | | | | | |
| | BB | | | | | | | | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|------|----|--|--|
| A/KW | BC | | IBM Technical Disclosure Bulletin, W.L. Dollenmayer, "Cable Storage Reel" Vol. 6, No. 7, p. 69-70, Dec. 1963. |
| | BD | | |
| | BE | | |

EXAMINER

A. W. W. W.

DATE CONSIDERED

1/14/98

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.